

CIRCUIT BREAKER 3VA1 IEC FRAME 160 BREAKING CAPACITY CLASS S ICU=36KA @ 415 V 3-POLE, LINE PROTECTION TM240, ATAM, IN=50A OVERLOAD PROTECTION IR=35A ...50A SHORT CIRCUIT PROTECTION II=5...10 X IN BUSBAR CONNECTION



| Model  |                             |
|--|-----------------------------|
| product brand name                             | SENTRON                     |
| Product designation                            | Molded case circuit breaker |
| Design of the product                          | Line protection             |
| Design of the overcurrent release              | TM240                       |
| Protective function of the overcurrent release | LI                          |
| Number of poles                                | 3                           |

| General technical data  |         |
|---|---------|
| Mechanical service life (switching cycles) / typical                      | 15 000  |
| Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz | 8 000   |
| Neutral conductors / upgradeable/retrofitable                             | No      |
| Ground fault monitoring version   | Without |

| Switching capacity                              |   |
|---|---|
| Switching capacity class of the circuit breaker | S |

| Adjustable parameters                                   |   |
|---|---|
| Adjustable response value current / I <sub>g</sub> min. | 1 |
| Adjustable response value current / I <sub>g</sub> min. | 1 |

|  |    |
|--|----|
| Short-term delayed / tripping switchable / I2t=ON/OFF      | No |
| Ground fault protection / tripping switchable / I2t=ON/OFF | No |

### Connections

|   |                |
|---|----------------|
| Arrangement of electrical connectors / for main current circuit                         | Front terminal |
| Type of electrical connection / for main current circuit                                | lug terminal   |
| Type of connectable conductor cross-section, connection screw, width x thickness , min. | 12 x 0         |
| Type of connectable conductor cross-section, connection screw, width x thickness , max. | 17 x 6.5       |

### Accessories

|  |     |
|--|-----|
| Product extension / optional / motor drive | Yes |
|--|-----|

### Environmental conditions

|                                    |      |
|------------------------------------|------|
| Protection class IP / on the front | IP40 |
|------------------------------------|------|

### Certificates

| General Product Approval | EMC | Declaration of Conformity |
|--------------------------|-----|---------------------------|
|--------------------------|-----|---------------------------|



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| Test Certificates | Shipping Approval |
|-------------------|-------------------|
|-------------------|-------------------|

[Typprüfbescheinigung/Werkszeugnis](#)

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| Shipping Approval | other |
|-------------------|-------|
|-------------------|-------|



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### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA11504EF320AA0>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3VA11504EF320AA0/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

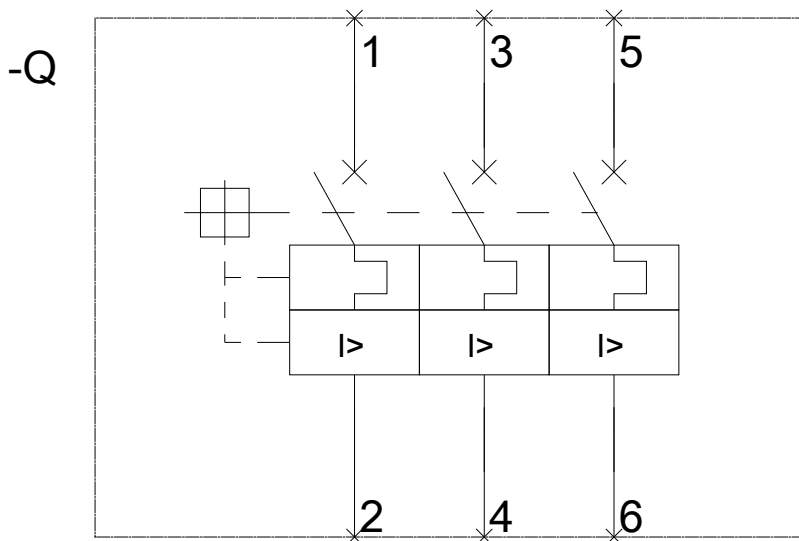
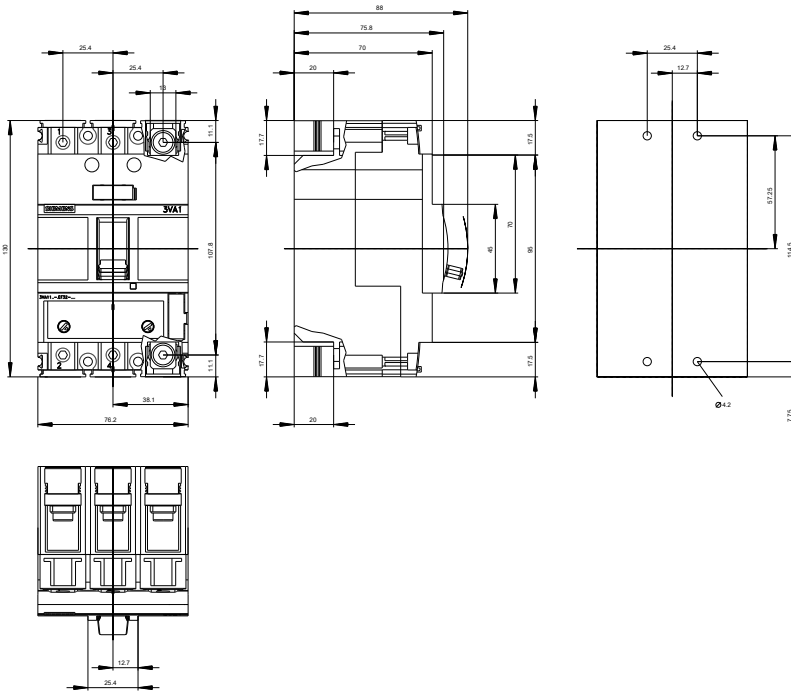
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA11504EF320AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA11504EF320AA0)

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>



**last modified:**

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